PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: TERESA A. LAVOIE FISH & RICHARDSON P.C. P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1)
	Date of mailing (day/month/year) 18 JAN 2011
Applicant's or agent's file reference 253240036WO1	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US 10/57341	International filing date (day/month/year) 19 November 2010 (19.11.2010)
Applicant CUREMARK LLC	
Authority have been established and are transmitted her Filing of amendments and statement under Article of The applicant is entitled, if he so wishes, to amend the When? The time limit for filing such amendment international search report. Where? Directly to the International Bureau of Where? The applicant is hereby notified that no international Article 17(2)(a) to that effect and the written opinion of the protest together with the decision thereon herequest to forward the texts of both the protest and the protest together with the decision thereon herequest to forward the texts of both the protest; the applicant may submit comments on an informal basis on International Bureau. The International Bureau will send international preliminary examination report has been or is together with the expiration of 18 months from the prior International Bureau. If the applicant wishes to avoid or application, or of the priority claim, must reach the Internation international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of examination must be filed if the applicant wishes to postpone date (in some Offices even later); otherwise, the applicant musts for entry into the national phase before those designated In respect of other designated Offices, the time limit of 30 months.	claims of the international application (see Rule 46): this is normally two months from the date of transmittal of the PO, 34 chemin des Colombettes No.: +41 22 338 82 70 I's Guide, International Phase, paragraphs 9.004 – 9.011. search report will be established and that the declaration under of the International Searching Authority are transmitted herewith. dditional fee(s) under Rule 40.2, the applicant is notified that: has been transmitted to the International Bureau together with any and the decision thereon to the designated Offices. The applicant will be notified as soon as a decision is made. the written opinion of the International Searching Authority to the a copy of such comments to all designated Offices unless an o be established. Following the expiration of 30 months from the he public. The public of the international application will be published by the costpone publication, a notice of withdrawal of the international and Bureau before the completion of the technical preparations for of some designated Offices, a demand for international preliminary the entry into the national phase until 30 months from the priority st, within 20 months from the priority date, perform the prescribed
Name and mailing address of the ISA/ Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450	Authorized officer Lee W. Young PCT Helpdesk: 571-272-4300

PCT Helpdesk: 571-272-4300

Telephone No. PCT OSP: 571-272-7774

Facsimile No. 571-273-3201 Form PCT/ISA/220 (July 2010)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 253240036WO1	FOR FURTHER ACTION	as well	see Form PCT/ISA/220 as, where applicable, item 5 below.		
International application No.	International filing date (day/	month/year)	(Earliest) Priority Date (day/month/year)		
PCT/US 10/57341	19 November 2010 (19.11.2010))	19 November 2010 (19.11.2010)		
Applicant CUREMARK LLC	Applicant				
according to Article 18. A copy is being	g transmitted to the Internationa	al Searching A	Authority and is transmitted to the applicant		
This international search report consists It is also accompanied by a	of a total of sheets.	nt cited in this	report.		
1. Basis of the report					
a. With regard to the language, the	e international search was carrie	d out on the ba	asis of:		
the international appli	lication in the language in whic	h it was filed.			
a translation of the in	nternational application into	nal search (Ru	which is the language of les 12 3(a) and 23 1(b))		
b. This international search r	a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)). b. This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).				
l ———			the international application, see Box No. I.		
2. Certain claims were found	2. Certain claims were found unsearchable (see Box No. 11).				
3. Unity of invention is lacki	3. Unity of invention is lacking (see Box No. III).				
4. With regard to the title,	4. With regard to the title,				
	the text is approved as submitted by the applicant.				
the text has been established by this Authority to read as follows:					
5. With regard to the abstract,					
the text is approved as subr	• • • •				
the text has been establishe may, within one month from	d, according to Rule 38.2, by the name of mailing of this inte	is Authority as rnational searc	s it appears in Box No. IV. The applicant h report, submit comments to this Authority.		
6. With regard to the drawings,					
a. the figure of the drawings to be	published with the abstract is F	igure No	·		
as suggested by the a	pplicant.				
as selected by this A	thority, because the applicant f	ailed to sugges	st a figure.		
l —	thority, because this figure bett	er characterize	es the invention.		
b none of the figures is to be	published with the abstract.				

Form PCT/ISA/210 (first sheet) (July 2009)

PCT/US2010/057341 18.01.2011

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 10/57341

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61K 9/14; A61K 38/00 (2011.01) USPC - 424/94.3; 424/94.1; 424/488; 435/41 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIEL	DS SEARCHED				
USPC - 424	ocumentation searched (classification system followed by 94.3; 424/94.1; 424/488; 435/41 K 9/14; A61K 38/00 (2011.01)	classification symbols)			
USPC - 424	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 424/94.3; 424/94.1; 424/488; 435/41 IPC(8) - A61K 9/14; A61K 38/00 (2011.01) (keyword delimited)				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (USPT,PGPB,EPAB,JPAB); Google Search terms used: digestive enzymes pancreatic acid modulator control reduce gastrointestinal pH lipase protease amylase					
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
X.	US 6,011,001 A (Navia et al.) 04 January 2000 (04.01	.2000), col 25, ln 28-38	1-5		
А	US 2004/0101562 A1 (Maio) 27 May 2004 (27.05.200	4), para [0011], [0005]	1-5		
Furthe	r documents are listed in the continuation of Box C				
"A" docume to be of	nt defining the general state of the art which is not considered particular relevance	"T" later document published after the internation date and not in conflict with the applicathe principle or theory underlying the in	tion but cited to understand		
"L" docume	nt which may throw doubts on priority claim(s) or which is	considered novel or cannot be consider step when the document is taken alone	laimed invention cannot be red to involve an inventive		
special i	establish the publication date of another citation or other eason (as specified) nt referring to an oral disclosure, use, exhibition or other	"Y" document of particular relevance; the closed to involve an inventive st	ep when the document is		
means "P" docume	nt published prior to the international filing date but later than	being obvious to a person skilled in the	art		
	ctual completion of the international search	Date of mailing of the international search	h report		
	011 (10.01,2011)	18 JAN 2011	<u></u>		
	Name and mailing address of the ISA/US Authorized officer:				
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450					
	PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774				

Form PCT/ISA/210 (second sheet) (July 2009)

PATENT COOPERATION TREATY

From the		
INTERNATIONAL	SEARCHING	AUTHORITY

From the INTERNATIONAL SEARCHING AUTHO	ORITY		
To: TERESA A. LAVOIE FISH & RICHARDSON P.C.		PCT	
P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	
		l	(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	18 JAN 2011
Applicant's or agent's file reference		FOR FURTHER	ACTION
253240036WO1 ,			See paragraph 2 below
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/US 10/57341	19 November 2010	(19.11.2010)	19 November 2010 (19.11.2010)
International Patent Classification (IPC) of IPC(8) - A61K 9/14; A61K 38/00 USPC - 424/94.3; 424/94.1; 424/ Applicant CUREMARK LLC	(2011.01)	tion and IPC	
This opinion contains indications relations	ating to the following iter	ns:	
Box No. I Basis of the op	inion		•
Box No. II Priority			
[]			

1.	1. This opinion contains indications relating to the following items:				
	\boxtimes	Box No. I	Basis of the opinion		
		Box No. II	Priority		
		Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
		Box No. IV	Lack of unity of invention .		
ă.	\boxtimes	Box No. V	Reasoned statement under Rule $43bis.1(a)(i)$ with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
		Box No. VI	Certain documents cited		
		Box No. VII	Certain defects in the international application		
		Box No. VIII	Certain observations on the international application		
2.	FURT	THER ACTIO	N .		
	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.				
	If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.				
	For fu	rther options, s	ee Form PCT/ISA/220.		

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US Date of completion of this opinion Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450

Authorized officer:

Lee W. Young

Facsimile No. 571-273-3201

10 January 2011 (10.01.2011)

PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/237 (cover sheet) (July 2009)

PCT/US2010/057341 18.01.2011

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US 10/57341

Box	No. I	Basis of this opinion
l.		egard to the language, this opinion has been established on the basis of:
	\times	the international application in the language in which it was filed.
		a translation of the international application into which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2.		This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3.	With r establi	egard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been shed on the basis of a sequence listing filed or furnished:
	a. (m	eans)
	느	on paper
	L.	in electronic form
	b. (tir	۱
		in the international application as filed
	늗	together with the international application in electronic form
	<u> </u>	subsequently to this Authority for the purposes of search
4.		In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5.	Additio	onal comments:
		·

PCT/US2010/057341 18.01.2011

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 10/57341

Statement			
Novelty (N)	Claims	. 2	VEC
Novelly (IV)	Claims	1, 3-5	YES NO
Inventive step (IS)	Claims	None	YES
	Claims	1-5	NO
Industrial applicability (IA)	Claims	1-5	YES
	Claims	None	NO
egarding claim 1, Navia discloses a pha gestive enzymes are optionally coated, rol 25, In 28-38). egarding claim 3, Navia discloses the plancreatic enzymes (col 25, In 28-38). egarding claim 4, Navia discloses the plast one amylase, lipase, and protease (armaceutical c and one or m harmaceutical harmaceutical col 25, In 28-3	as being anticipated by US 6,011,001 A to Navia et al. (hereinafter composition comprising one or more digestive enzymes, wherein the ore gastrointestinal modulators of acid, or pharmaceutically accept composition of claim 1, wherein the one or more digestive enzymes.) composition of claim 1, wherein the one or more digestive enzymes.)	ne one or more table salts ther nes comprise
aim 2 lacks an inventive step under PC egarding claim 2, Navia discloses the plid coating; however, it would have beer activation until the enzyme reaches the	harmaceutical n obvious to or	composition of claim 1, but does not specifically disclose wherein ne of skill in the art to use a lipid coating to protect the enzyme fro	the coating is m stomach aci
		CT Article 33(4) because the subject matter can be made or used	in industry.

Form PCT/ISA/237 (Box No. V) (July 2009)